

Appendix 9. Univariate and Multivariate analyses [posted as supplied by author]

Univariate analysis

Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.3353	1.2157	0.276	0.7839
log(Number of discrepancies + 1)	1.6722	0.5258	3.18	0.0026
(Intercept)	6.8547	3.1223	2.195	0.0331
log(Sample size)	-0.8074	0.7957	-1.015	0.3154
(Intercept)	4.7535	0.7066	6.727	0.0000
Sequence generation Yes	-3.2795	1.2771	-2.568	0.0135
(Intercept)	4.158	0.7353	5.655	0.0000
Allocation concealment Yes	-1.4294	1.3756	-1.039	0.3040
(Intercept)	4.8568	0.6958	6.98	0.0000
Blinding Yes	-3.6168	1.2576	-2.876	0.0060
(Intercept)	3.949	0.8157	4.841	0.0000
Incomplete outcome data addressed Yes	-0.4885	1.2768	-0.383	0.7040
(Intercept)	5.6579	0.9446	5.99	0.0000
Free of selective reporting Yes	-3.1169	1.2072	-2.582	0.0130

Multivariate analysis

Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	5.3417	2.7741	1.926	0.0611
log(Number of discrepancies + 1)	2.2079	0.5728	3.855	0.0004
log(Sample size)	-1.3112	0.7651	-1.714	0.0941
Sequence generation Yes	-3.1131	1.4219	-2.189	0.0343
Blinding Yes	-2.3328	1.209	-1.93	0.0606

Residual standard error: 3.43 on 44 degrees of freedom

Multiple R-squared: 0.431

Adjusted R-squared: 0.3793

F-statistic: 8.333 on 4 and 44 DF

p-value: 0.00004292

Sample size was log transformed (natural log). For discrepancy count, 1 was added before log transformation, to accommodate zero values.